

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

FEBRUARY 12, 1976

TUITION FEES INCREASED 25 PERCENT

On January 9, 1976, the Minister of Advanced Education and Manpower advised E.A. Geddes, Chairman of the Board of Governors, that the University's operating grant for 1976-77 would be \$93,586,000, an amount exceeding last year's grant by only 11 percent.

This was discouraging news for planners of the University's operating budget. It made inevitable a \$2.5 million deficiency in a budget that had been intended to no more than maintain current levels of operations. In calculating this "maintenance" budget, the planners had assumed no frills. There would be no increase in staff despite increasing enrolments; salary settlements would be made within a reasonable interpretation of Federal guidelines; the provision for library acquisitions would be maintained at its present rapidly eroding level; there would be no provision of additional funds for rental or purchase of the Amdahl computer; ancillary services, such as Housing and Food Services, would have to operate on a break-even basis even though present indications are for substantial losses in the current year. Yet, in spite of these belt-tightening measures, the projected budget indicated an increase in net expenditures of 11 to 12 percent over the 1975-76 budget.

The provincial government made its decision to limit the increase in the operating grant to 11 percent, with knowledge that this represents an actual increase in University revenue of only 9.7 percent. The grant component of University revenues accounts for only 88 percent, while tuition fees make up 10 to 11 percent of the balance. Therefore, unless the Provincial Government permitted an increase in tuition fees or provided some compensation, if fees were to remain fixed, the University would be at a severe disadvantage in meeting its operating costs.

On instructions from the Minister, Advanced Education officials called a meeting of representatives of the Universities of Lethbridge, Calgary, and Alberta on December 17 for the purpose of discussing possible increases in tuition fees. Officials indicated the government's intention to review tuition fees in the post-secondary system and to attempt to rationalize the entire structure. A policy decision could be expected later to effect an appropriate balance between the education costs borne by students



Some two thousand students assembled in front of University Hall last Friday to protest the tuition fee increase on which

the Board of Governors was about to vote. Nonetheless, the Board approved a twenty-five percent rise in fees.

and government. In light of this pending review, any changes that might take place in tuition fees in 1976 would have to be regarded as an interim measure only.

This reflects an apparent change in government policy with respect to the raising of tuition fees since the operating grants scheme that had been in effect from 1973-74 provided that no fee increase could be approved during the continuance of the scheme.

In discussions concerning the possible fee hike, the universities varied in their estimations of how great an increase would be required to meet those operating costs not covered by government grants. The Universities of Lethbridge and Alberta suggested that the minimum increase required to maintain the existing levels of operation would be in the order of 20 to 30

percent. Representatives from the University of Calgary indicated that a fee increase as high as 100 percent could not satisfy their legitimate requirements for the next year in face of rapidly growing enrolments. Nevertheless, the universities reached a tentative agreement to recommend a 25 percent increase in tuition to their respective Boards for submission to the Minister for his approval. It had already been agreed that any increase would be on a system-wide basis and that individual universities would not proceed independently.

One of the first reactions to the suggestion that fees be raised 25 percent was to question the legitimacy of the extent of that increase in view of the Federal price control guidelines. Responding to this, an official from the Department of Advanced Education and Manpower

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said the government's position would be that tuition fees were not subject to those guidelines.

At the outset of the discussions, Advanced Education and Manpower distributed a document for use as background information in considering the tuition fee increases. This was a report to the Provincial Government Finance and Priorities Committee on tuition fees in post-secondary institutions in Alberta. The salient observations of the report were that universities in Alberta have the lowest undergraduate tuition fees in Canada and that tuition and fee revenues have declined since 1970-71 from a level supporting approximately 15 percent of net operating expenditures to a level supporting an estimated 10 percent of such expenditures in 1975-76.

The thrust of the report was clear. In terms of their tuition fees, Alberta's university students have enjoyed six years of shelter from inflation. The Provincial Government's new rationale toward tuition fees in post-secondary education will probably lead to students shouldering greater responsibility for the cost of their education.

With the Provincial Government so disposed and in view of the University's financial predicament, the Board's Finance Committee gave serious consideration to the possibility of a fee increase and to the few alternatives that were still available. One possibility, that the budget deficiency could be made up from within the budget, was clearly not the answer. After three years of punitive budgets, the University has already exhausted practically all means of deriving extra dollars from within its resources by cutting back here and there. The assumptions made in preparing the 1976-77 budget point to a bleak year ahead, as it is. The Finance Committee also explored

the possibility of using the University's operating surplus, which is projected to be in the range of \$3 to \$3.5 million. A strong argument was made to leave the surplus unimpaired, particularly during this period of relatively rapid inflation. Even in a more stable economic environment, a cushion of less than 3 percent of budgeted net expenditures would be considered less than adequate by normal standards. Furthermore, such a measure could only be a one-shot solution, offering little hope for any problems arising in the following year.

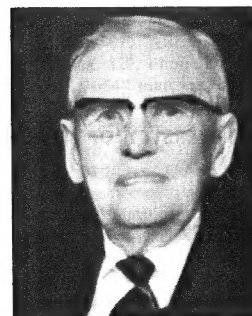
In a brief submitted to the Board, the Graduate Students' Association suggested that all members of the University community shoulder a portion of the financial burden represented in the budget deficiency. As an alternative to the 25 percent increase in tuition fees, the GSA recommended that fees be increased up to the limit of the wage and price guidelines (10 percent) and that salary demands be reduced accordingly. Jack Girton, President of the GSA, indicated his group's willingness to reduce their proposed inflationary adjustment by 2 percent below that which they could justify by need.

E.A. Geddes, Chairman of the Board of Governors, replied to the suggestion that salaried staff reduce their demands by pointing out that Non-Academic Staff had already shared in the University's financial burden by accepting salaries which have fallen significantly behind those paid, for comparable employment in nearly every classification, to those of their counterparts in the civil service. He added that to ask for further sacrifices on their parts would be unthinkable.

Graeme Leadbeater, President of the Students' Union, suggested that more pressure might have been brought upon the Provincial Government to assist the University in its financial difficulties. E.A. Geddes replied that appeals were made by himself and other officials of the University to the Minister and the Premier, both of whom indicated an unwillingness to yield in the Government's stand on the 11 percent ceiling. He also emphasized the Board's position that protests of any stronger nature would not be in the best interest of the University.

Lengthy discussions on these and other aspects relating to increased tuition fees continued at the Board's February 6 meeting. The prevailing view was that an increase was justified. The question of the extent of the increase which could be justified caused some dissension.

The Finance Committee's recommendation for approval of the 25 percent increase in tuition fees was finally put to a vote. The motion carried with only those members of the Board who were students opposing.



**HARRY
ERNEST
BULYEA
1873-1976**

Harry Bulyea, founder of the Faculty of Dentistry, died February 5 at the age of 103.

Dr. Bulyea, a Nova Scotian who was graduated from the Harvard School of Dental Medicine in 1897, practised dentistry in Saskatoon and Scott, Saskatchewan, in 1911, completed graduate studies in orthodontics at Northwestern University, and opened practice in Edmonton in 1913.

The University's first President, Henry Marshall Tory, persuaded Dr. Bulyea in 1920 to accept responsibility to teach pre-clinical laboratory courses and lecture a course in operative dentistry to the three dental students registered in the Faculty of Medicine. Three years later, a four-year professional program in Dentistry was established, with Dr. Bulyea as its Director; the University's first class of dentists was graduated in 1927. Three years later, the School of Dentistry was formed, and Dr. Bulyea was appointed its Director.

After his retirement from the University in 1942, he maintained an active contact with his former students. In fact, one of his first steps after retirement was to fill in at a dental office in Lamont while one of his former students was serving in the Royal Canadian Dental Corps. He kept the practice going until the former student returned, then went on to a retirement filled with mountain climbing, painting, boat-building, jewelry-making, photography, skiing, and ice skating.

In a special 1967 "Heritage" edition of the *Journal of the Canadian Dental Association*, an article about Dr. Bulyea concludes that he "has not only made a permanent niche for himself in the history of the dental profession; he has also, without neglecting his obligations to the profession, achieved distinction in several other fields as well. In so doing, he set an example that may be emulated but is unlikely to be surpassed."

HENRY ALEXANDER DYDE 1896-1976

H.A. (Sandy) Dyde passed away Tuesday, February 3, while vacationing in Mexico.

Mr. Dyde received his BA at this university

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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in 1916 and proceeded to Oxford as a Rhodes Scholar. He served with the Canadian Infantry in World War I and in senior Defense Department positions during World War II and was admitted to the Order of the British Empire for his wartime service.

During his extensive career in commercial law, he assisted in organizing a number of construction, equipment, and oil well servicing companies. He retired from the Edmonton law firm of Milner and Steer in 1970.

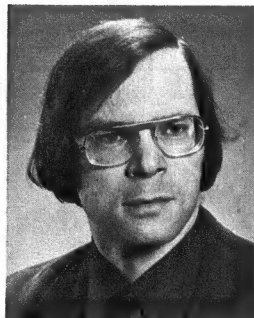
In 1959 Mr. Dyde donated eighty acres of land near Devon to the University of Alberta; this land is now the University's Botanic Garden. He served as Founding President of the Friends of the Botanic Garden from 1971 to 1973. He was also for many years Honorary Colonel of the University of Alberta Canadian Officer Training Corps. He was awarded an Honorary Doctor of Laws degree by the University in 1965.

SENATE AGENDA

The regular meeting of the University Senate will be held on February 19 and 20 in the Club Room of the Jubilee Auditorium. The

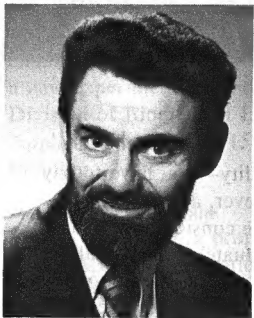
Thursday, February 19, session will begin at 7:30 p.m., the Friday session at 9:30 a.m. Thursday, February 19, 7:30 p.m.

1. Introduction to the evening session
 2. Recommendation of the Report on Academic Women
 3. Report of the Task Force on the Future of the Extension Function
- Friday, February 20, 9:30 a.m.
4. Introduction of guests
 5. Approval of the Friday agenda
 6. Approval of the minutes of November 28, 1975
 7. Standing Committees
 - 7.1 Executive Committee (announcements only)
 - 7.2 Nominating Committee (policy statement)
 - 7.3 Honorary Degrees Committee (statement on authority and membership of the Committee as approved at their last meeting)
 8. Task Forces
 - 8.1 Quotas (presentation by the Faculty of Engineering)
 9. Senate Committees
 - 9.1 Library Acquisition Fund (presentation by the Library)
 10. Library and Engineering tours
 - 10.1 Organization of the tours
 - 12 p.m. Lunch (Students' Union Building, Dinwoodie Room)
 - 1:30 p.m. Meeting reconvenes
 - 10.2 Tours of the Library and Engineering Buildings.



APPOINTMENTS

Donald G. McKay has been appointed Director of the Biosciences, Animal Services effective March 1, 1976. He replaces J.J. Thomsen, who left to take a position in cancer research in Seattle. Dr. McKay has a BSc and MSc from McGill University (Macdonald College) and obtained his PhD in Animal Science at the University of Alberta in 1974. At present, Dr. McKay is an Instructor in the veterinary program at the Northern Alberta Institute of Technology. J. Bouvier, who has been Acting Director since Mr. Thomsen's departure, will continue as Specialist Technician in the Services.



James Douglas Muir, Professor of Industrial Relations in the Faculty of Business Administration and Commerce, has been appointed the Faculty's Dean effective July 1. Dr. Muir has been associated with the University since 1964, and he has taught in the areas of industrial relations, collective bargaining, arbitration, personnel management, and statistics. He obtained his BCom from the University of British Columbia and his MBA from the University of California (Berkeley). He then studied at the New York State School of Industrial and Labor Relations of Cornell University and earned a Doctor of Philosophy degree. He has been involved in many areas of labour relations and has served as the Dean of the Faculty of Commerce at the University of Nairobi in Kenya. In 1975, Dr. Muir was appointed to the editorial board of *Relations Industrielles* and became president elect of the Canadian Industrial Relations Research Institute.

CORRECTION

Often when we use old photographs in *Folio*, we must rely on secondary sources and archival information for descriptions of the pictures. Sometimes that information can be in error. Such is the case with the caption of the photograph of threshing which appeared on page three of the January 29 issue of *Folio*.

We received a letter last week from Guthrie B. Sanford, the man in the photograph putting the grain in the sack. Mr. Sanford informed us that the Edmund Kemper Broadus in the photograph was not the professor of English but rather the professor's son. As well, Mr. Guthrie was a graduate of Agriculture in 1920 not 1918, and he was a lecturer in Field Crops, Genetics and Plant Breeding, and Experimental Field Crops Techniques from 1920 to 1922.

Mr. Sanford also said that as far as he knows he is the only one of the group in the photograph still living.

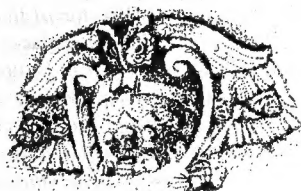
STILL HOPE FOR AMDAHL

While prospects for keeping the Amdahl computer on campus have been pretty dismal, there may be some cause for optimism. The Board approved a motion apportioning some uncommitted 3AU funds to meet some of the costs of keeping the computer. The rest will depend on the Provincial Government to provide a matching grant.

PEOPLE

- G. Hermansen, Professor Emeritus of Classics, has been invited to lecture at five California Universities and at the University of Washington, Seattle, during the last half of April.
- John King-Farlow, Professor of Philosophy, gave a public address on medical ethics at Bowling Green State University, Ohio, where he attended a meeting of Trustees of *The Philosopher's Information Service*.
- A.M. Rennie has been appointed to the new position of Director of Administrative Services, Office of the Vice-President (Planning and Development). In addition to his present administrative duties with the Department of Physical Plant, he will assume similar responsibilities and provide administrative support for other areas of responsibility in the office of the Vice-President (Planning and Development).
- The following members of the Faculty of Law attended the Mid-Winter Meeting of the Alberta Branch of the Canadian Bar Association: F.A. Laux, Acting Dean; Lyndon Irwin, Associate Dean; C.R.B. Dunlop, Professor; G.L. Gall, Assistant Professor; P.N. McDonald, Associate Professor; W.K. Mis, Professor; L.J. Pollock, Professor; M.F. Rutter, Assistant Professor; and M.J. Sychuk, Professor. There were 658 members of the Association registered.

The Stone Owl



TUITION FEE RISE FROM THE STUDENT'S POINT OF VIEW

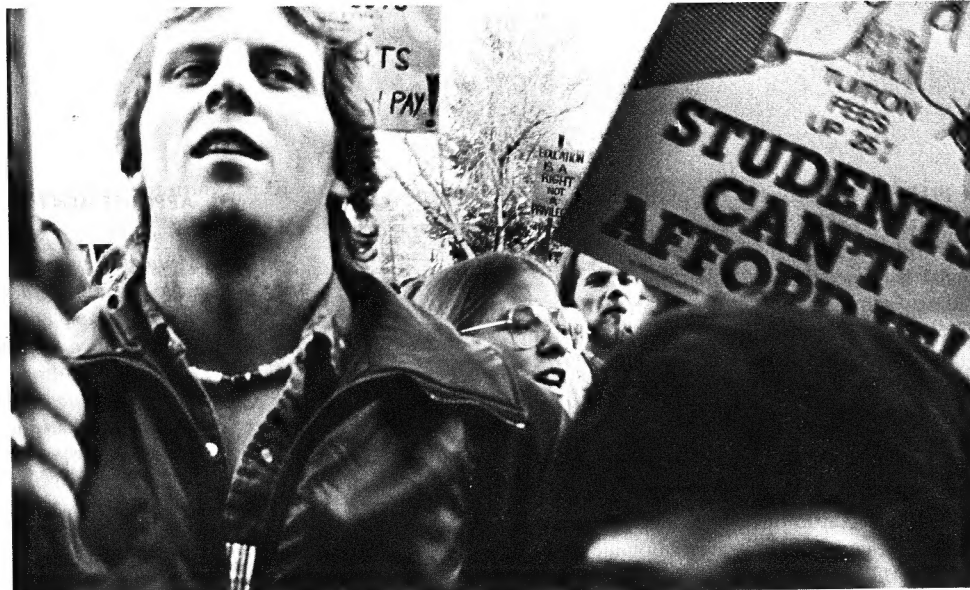
Student reaction to the increase in tuition fees has ranged from outrage to apathy. Over two thousand attended the demonstration at University Hall, and, judging from their faces, they were angry with having to take the brunt of the University's inflationary costs. Many of the students believe that there should be no increase at all, that the government freeze on tuitions should continue at least until next year to make time for arbitrations with the provincial government on the eleven percent ceiling the government has imposed.

Most of their frustration was directed toward an uncompromising government which they thought had forced the University into an awkward position. Even with the increase in tuition, the eleven percent ceiling may mean that faculties will face quotas, increased instruction hours for professors, and overcrowding. All could lead to a poor quality of education. While the provincial government agrees with the federal restraint program for prices and wages, which directly affects students' summer earnings, the same price and wage control apparently is not applicable to this situation. Many are asking why they have to pay so much.

It is possible that fewer students would have been so angry had the increase been smaller and had it been within the federal government inflationary guidelines. However, with inflation, the cost of being a student in terms of books, housing, food, and clothing has increased dramatically within the past few years. More and more of the students are feeling the crunch—they must either request more funding in loans from the Student Finance Board or put pressure on parents who may be already finding budget difficulties in putting their children through University.

Some students have suggested that increasing the cost of education will increase students' seriousness toward attaining that education. They may have a case. But those who are here "to have a good time" generally are not those who have financial difficulties. More importantly, *most* students are extremely serious about their studies, and many go into considerable debt and/or hold part-time low-paying jobs in order to attend.

Others have proposed that education should



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be viewed as a commodity—you have to pay for what you get. However, a university graduate's salary will be considerably higher than a high school graduate's salary, and the difference in taxes paid over a lifetime will more than make up for the subsidy received from the government while the student attends university. The student, in fact, does end up repaying the government for what he got, and he may end up paying a lot more if he is forced to take out student loans.

The Student Finance Board will accept the increase in tuition as a necessary expenditure of a student. The remission scheme, which replaces the grants of the sixties, has been adjusted to a more equitable state so that a first year student may have up to fifty percent of the loan remitted if he fulfills the requirements of the Student Finance Board. In terms of the total cost of a year of education, the twenty-five percent increase will not make that much difference, but it is enough of a difference simply to prevent a student from attending or to necessitate greater borrowing. Neither situation seems justified in a province which is as affluent as Alberta.

The students will adjust to the financial difficulties as they always have. The demonstration will soon be forgotten in books, exams, papers, and research. Meanwhile, no long term solution to the University's perennial financial difficulties has been found. —S.V.

NOTICES

SELECTION COMMITTEE FOR DEAN OF GRADUATE STUDIES AND RESEARCH

This Committee held its first meeting on February 3. The members of the Committee are very interested in receiving, before February 20, indications of interest in the deanship or nominations of others who may

be willing to be considered for the position. Such indications or nominations should be made with the Chairman of the Selection Committee, M. Horowitz, Vice-President (Academic), 3-5 University Hall.

OFFICE CHANGE

The Department of Religious Studies General Office and Chairman's Office has moved to 322 Arts Building. The telephone number for the General Office is now 1174, the same as the Chairman's.

CAMPUS LAW REVIEW COMMITTEE

The Campus Law Review Committee will meet at 9:30 a.m. on Thursday, February 19 in 3-15 University Hall. Members will be discussing Procedures for Discipline, Law and Order Tribunals. Anyone wishing to make a written or personal submission should give notice of such intention to Lilian Plaskitt, 1-15 University Hall, phone 4715, by February 17.

NOMINATIONS INVITED FOR UNIVERSITY OF ALBERTA NATIONAL AWARD IN MUSIC

Since 1951 the Board of Governors of the University of Alberta has offered National Awards to Canadians who have made distinguished contributions over a period of time to the development of Letters, Music, and Painting and the Related Arts in Canada.

The Awards, in the form of gold medals, are presented to the recipients at the Opening Concert and Scholarship Night of the Banff Centre School of Fine Arts early in July.

Originally Awards were offered annually in all three fields. Since 1961, however, the Awards have been rotated annually through Music, Letters, and Painting. This year's Award will be in Music.

Interested members of the Campus community are invited to suggest possible recipients of the Award to R. Stangeland, Department of Music, who is chairman of the selection committee.

Previous recipients of the Award are listed below:

1951—Healey Willan; 1952—Sir Ernest MacMillan; 1953—Wilfred Pelletier; 1954—Ettore Mazzoleni; 1955—Luell Gustin; 1956—Kathleen Parlow; 1957—Claude Champagne; 1958—Arnold Walter; 1959—Geoffrey Waddington; 1960—Not awarded; 1961—Lois Marshall; 1964—Dr. Marius Barbeau; 1967—Maureen Forrester; 1970—Herman Geiger-Torel; 1973—Harry Somers.

EDMONTON WOMEN'S PLACE

Edmonton Women's Place, a non-profit organization whose members are involved in the women's movement in Edmonton, is holding its Annual Meeting on Wednesday, February 18, at 7:30 p.m. at Terra House, 9917 116 Street. This would be a good opportunity to hear about the accomplishments of the organization and to listen to plans for the coming year.

CREDIT UNION

The University of Alberta Credit Union invites University staff members to drop into WB10 Chemistry Building or to phone 432-3256 for information about the services provided.

SIERRA CLUB MEETING

On Wednesday, February 18, at 7 p.m. there will be an organizational meeting of an Edmonton chapter of the Sierra Club. The meeting will be held in the Kiva, 2-103 Education North. If you cannot attend the meeting, get in touch with Gene Rankin at 432-4922 between 8:30 a.m. and 4:30 p.m., or leave a message with the secretary.

CHILDREN'S DINOSAUR PROGRAM

The Provincial Museum is holding a free four week workshop for children to learn about prehistoric animals. The workshop begins on Saturday, February 21, and continues each Saturday until March 13. The classes are held from 10:30 a.m. to 12:30 p.m. All materials are supplied. All participants must register by Wednesday, February 18. For more information phone 452-2150 extension 245.

SWISS CARTOGRAPHY EXHIBITION

The Pro Helvetia Foundation is sponsoring an exhibit of Swiss Cartography. This touring exhibit will be on display in the University of Alberta Map Collection, B-7 Henry Marshall Tory Building, until the end of February.

The story of Swiss Cartography is told in nine chapters: historical development 1500-1800; surveying by triangulation; altitude determination; photogrammetry; contours; preparation of print plates; printing of topographic maps; map generalization; and thematic maps.

The Map Collection is open from 8:30 a.m. until 4:30 p.m., Monday through Friday.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

12 FEBRUARY, THURSDAY

Mineral Engineering Seminar

1 p.m. "Brittle Fracture" by James T. McGrath, Canadian Welding Development Institute. 340 Chemical-Mineral Engineering Building.

Biomedical Engineering Seminar

2:30 p.m. "The Use of a multiwire proportional chamber in the study of axoplasmic transport: a new experimental technique" by R.E. Snyder, Division of Biomedical Engineering and Applied Sciences. 10-115 Clinical Science Building.

Mathematics Colloquium

4 p.m. "On Stability properties of periodic linear differential equations" by L. Erbe, Department of Mathematics. 657 Central Academic Building.

Entomology Seminar

4:30 p.m. "The Curse of *Cryobius* and other tales of the Territories" by G.E. Ball, Chairman of the Department of Entomology. 245 Agriculture Building.

Public Lecture

7 p.m. Lionel Tiger, Associate Professor of Anthropology at Rutgers University and author of *Men in Groups* and *The Imperial Animal*, will speak on his theories of "male bonding" and the inherent biological and psychological differences between males and females. The Kiva, 2-103 Education North.

Cinematheque 16 (Gallery Cinema)

7:30 p.m. *Jonathan Livingston Seagull*. Downstairs, Edmonton Art Gallery. Admission \$2.

German Film

7:30 p.m. *Wallenstein* (1962). Starring Wilhelm Borchert and Ernst Fritz Fürbringer. Theatre Room, 17 Arts Building. Admission free.

Art Gallery Concert

8 p.m. The Plumbers' Union performs classical music at the Edmonton Art Gallery. Admission free.

U of A Mixed Chorus

8 p.m. The Mixed Chorus presents its thirty-second annual Spring Concert. Students' Union Theatre. Admission \$2; tonight only, \$1 for those over 65 and under 12. Tickets available from the Bay, the Students' Union Box Office in HUB, and from Chorus members.

13 FEBRUARY, FRIDAY

Public Lecture

10 a.m. Lionel Tiger will discuss his theories of "male bonding" and the differences between males and females. The Kiva, 2-103 Education North.

Women's Studies Sampler

12 noon. "Women's History as an academic discipline" by Pat Prestwich, Assistant Professor of History. 142 Students' Union Building. Everyone is welcome.

Faculty Club

Downstairs. "Jinx Night." Hindenburg stew, Frank slide salad, Titanic pudding, and "vino Vesuvius" by the glass. \$3.75. Entertainment: Lucky Rossall and his Born Losers. Upstairs. Regular dinner menu. Reservations required. Entertainment: Gordon Schmidt Band.

Cinematheque 16 (Gallery Cinema)

7:30 p.m. *First Love*. Directed by Maximilian Schell, starring Dominique Sanda and Maximilian Schell. Downstairs, Edmonton Art Gallery. Admission \$2.

Volleyball

8 p.m. University of Alberta versus the University of Victoria. Main Gymnasium.

U of A Mixed Chorus

8 p.m. The Mixed Chorus presents its thirty-second annual Spring Concert. Students' Union Theatre. Admission \$2. Tickets available from the Bay, the Students' Union Box Office, and from Chorus members.

14 FEBRUARY, SATURDAY

Art Gallery Film Series

1:30 p.m. "Monet," from Kenneth Clark's *Pioneers of Modern Painting*. Downstairs, Edmonton Art Gallery. Admission free.

Art Gallery Concert

2:30 p.m. The John Gray Quintet featuring saxophonist Dale Hillary performs jazz at the Edmonton Art Gallery. Admission free.

Faculty Club

Downstairs. "Valentine Tête à Tête." Chili con carne, hot buns, salad, and brownies. \$3.50. Hot toddies available at \$1.50. Upstairs. Regular dinner menu. Reservations required. Entertainment: Gordon Schmidt Band.

University Concert Hall

And every Saturday. 6:45 p.m. A radio program of music from the University of Alberta on CKUA AM and FM.

folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3¼" x 2½"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2½" x 1½") is available at a cost of \$12. Discounts are offered for extended runs; please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is preferred; there is a charge of 15c per word for typesetting, and \$5 per line for design of work which is not camera ready. Deadline for submission is one week prior to publication (Thursday, 4 p.m.) for camera-ready copy; 10 days for all other advertising copy. Positioning is at the discretion of the editor.

Contact: Richard Kerr or Esther Fraser, 326 Assiniboia Hall, The University of Alberta; telephone 432-4991.

U of A Mixed Chorus

8 p.m. The Mixed Chorus presents its thirty-second annual Spring Concert. Students' Union Theatre. Admission \$2. Tickets available from the Bay, the Students' Union Box Office, and from Chorus members.

Edmonton Symphony Orchestra

8:30 p.m. The ESO, conducted by Pierre Hétu and featuring Toshiya Eto, violin, performs works by Mendelssohn, Schubert, Ravel, and Beethoven. Jubilee Auditorium. Tickets available from the Bay Box Office or the Symphony Box Office, phone 433-2020.

15 FEBRUARY, SUNDAY

Cinematheque 16 (Gallery Cinema)

2 p.m. *Cactus Flower*, starring Goldie Hawn and Walter Matthau. Downstairs, Edmonton Art Gallery. Admission \$2.

Edmonton Symphony Orchestra

2:30 p.m. The ESO, conducted by Pierre Hétu and featuring Toshiya Eto, violin, performs works by Mendelssohn, Schubert, Ravel, and Beethoven. Jubilee Auditorium. Tickets available from the Bay Box Office and the Symphony Box Office, phone 433-2020.

'In Touch with U'

And every Sunday. 3 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

Concert

3 p.m. The University of Alberta Wind Ensemble under the direction of Fordyce Pier performs at Convocation Hall. Admission free.

Student Cinema

7 p.m. and 9:30 p.m. *Scenes from a Marriage* (Sweden, 1974). Directed by Ingmar Bergman. Students' Union Theatre. Tickets \$1 advance from the Students' Union Box Office or \$1.50 at the door.

Concert

8 p.m. The Steelband Festival is presented by the Afro-Canadian Society in the Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

16 FEBRUARY, MONDAY

Plant Science Seminar

1 p.m. "The Origin of the membrane envelopes of the rhizobial bacteroids in the root nodules of legumes" by J.C. Tu. 490 Agriculture Building.

Seminar-in-the-Round

2 p.m. "Models of mental illness" by T. Weckowicz, Centre for Advanced Study in Theoretical Psychology. 14-6 Tory Building.

17 FEBRUARY, TUESDAY

Boreal Circle

8 p.m. "Reflections on the CANOL Project: one-third of a century later" by C.R. Stelck, Department of Geology. (CANOL is a sub-arctic pipeline and refinery project which linked oilfields at Norman Wells with the refinery at Whitehorse.) CW410 Biological Sciences Building.

18 FEBRUARY, WEDNESDAY

Population Studies Seminar

4 p.m. "Incidence of self injury" by George Jarvis, Department of Sociology. T5-15 Tory Building.

Faculty Club

Upstairs. "Wednesday at Eight." Guest speaker is Graham Griffiths, past President of the Edmonton chapter of the National and Provincial Parks Association of Canada, giving a talk on "East Slope Policy." Coffee and dessert 75 cents.

Edmonton Film Society

8 p.m. *The Crime of M. Lange* (1935). Directed by Jean Renoir. TL-11 Tory Lecture Theatre. Series memberships available at the door.

19 FEBRUARY, THURSDAY

Cinematheque 16 (Gallery Cinema)

7:30 p.m. *Charly* (United States, 1968). Starring Cliff Robertson. Downstairs, Edmonton Art Gallery. Admission \$2.

German Film

7:30 p.m. *Die Buddenbrooks* (1959). Starring Liselotte Pulver, Nadja Tiller, and Hans Lothar. Theatre Room, 17 Arts Building. Admission free.

20 FEBRUARY, FRIDAY

Women's Studies Sampler

12 noon "Psychological Aspects of women in sport" by Ann Hall, Associate Professor of Physical Education. 142 Students' Union Building.

Students' Union Forum

12 noon. "A New International economic order" by Marion Gallis, noted German economist. Students' Union Theatre. Admission free.

Faculty Club

Downstairs. Ham slices with pineapple, mashed potatoes, salad, and coconut pudding. \$4.25.

Upstairs. "Hawaiian Night." Amaama Me Wai-Niu, roast suckling pig and poi, I'o Pipi

Luau Wai-Niu, Haupia, banana and sweet potato casserole. \$6.50. Drinks: Mai Tai or Chi Chi 95 cents. Entertainment: Sound Investment.

Basketball

6:30 and 8:30 p.m. The Pandas and Golden Bears versus the University of Saskatchewan. Main Gymnasium.

Dance

8:30 p.m. The Ukrainian Shumka Dancers present Dancing School Recital. Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

21 FEBRUARY, SATURDAY

Wrestling

10 am. Canada West Wrestling Championships. Main Gymnasium.

Art Gallery Film Series

1:30 p.m. "Seurat," from Kenneth Clark's *Pioneers of Modern Painting*. Downstairs. Edmonton Art Gallery. Admission free.

Faculty Club

Downstairs. "The Soup Tureen." Leek and potato soup, chicken curry soup, and apple turnover with cheddar. \$3.50.
Upstairs. Lobster \$11.50. Regular dinner menu. Reservations required. Entertainment: Gordon Schmidt Band.

Basketball

6:30 and 8:30 p.m. Pandas and Golden Bears versus the University of Saskatchewan. Main Gymnasium

Edmonton Symphony Orchestra

8:30 p.m. The ESO, conducted by Dietfried Bernet and featuring Birgit Sarata, soprano, and Peter Drahosch, tenor, performs a special "Viennese Concert." Jubilee Auditorium. Tickets available from the Bay Box Office and the Symphony Box Office, phone 433-2020.

EXHIBITIONS AND PLAYS

Citadel Theatre

Until 21 February. *The Sunshine Boys* by Neil Simon, a play about two former vaudeville entertainers who, though they are no longer friends, must get together again. Starring Guy Sanvido and Mickey Costello. Citadel Theatre. Performances Tuesday through Saturday at 8:30 p.m. with Sunday performances at 2:30 p.m. and 7:30 p.m. Casual tickets available by phoning 424-2828.

Provincial Museum

Until 15 February. "Winter Outdoors—Yesterday and Tomorrow," a feature exhibit emphasizing the many winter activities available in Alberta. Feature Gallery 2. *13 February to 4 April.* "Tom Webb Nature

Photos," color photographs of butterflies, insects, birds, and mammals. Feature Gallery 1. *20 February to 25 April.* "Portraits of the Indians," a display of paintings of native people by artists from Paul Kane to Nicholas de Grandmaison. Feature Gallery 2. *Continuing.* "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Studio Theatre

12 February to 21 February. *The Game of Love and Chance* (1730) by Marivaux, a comedy about the discovery and effects of love. Studio Theatre, Corbett Hall. Performances are at 8:30 p.m. nightly with a Saturday matinee on February 14 at 2:30 p.m. Tickets are \$2.50 for non-students and free to students with University ID cards. Available from 3-146 Fine Arts Centre or by phoning 432-1495.

Edmonton Art Gallery

Opening 13 February. "Jones/Will," a display of works by two Albertan graphic artists. Marvin Jones and John Will.
Opening 13 February. "Roger Fry Paintings and Drawings," an exhibit of works by the influential twentieth century art critic.
20 February to 21 March. "Robert Motherwell: Selected Prints 1961-74," an exhibition of thirty-three etchings and lithographs.
20 February to 21 March. "Sidney Tillim Drawings," a display of work by a leading contemporary American figure painter.

Theatre Francais d'Edmonton

13, 14, 15 et 20, 21, 22 février. *Deux Femmes pour un Fantome* et *La Babysitter* de René de Obaldia. Collège Universitaire Saint-Jean. Pour renseignements et billets: 469-0829.

Citadel Too

Opening 16 February. *Endgame* by Samuel Beckett. Starring John Neville. 10018 102 Street. Performances Monday through Saturday at 8 p.m. Admission \$3 regular, and \$2 for students. Tickets are available from the Citadel Box Office, phone 424-2828.

Book Display

"Twentieth Century Canadian Book Design and Illustration," a display selected from the holdings of Special Collections is on view in the reading room of the Special Collections Unit in the basement of Cameron Library.

NON-CREDIT COURSES

REFEREEING CHURCH FIGHTS

The Centre for Continuing Education at St. Stephen's College is offering this two day seminar. The purpose of the course is to

teach people how to handle conflict in the Church in a creative and constructive manner. The course is designed to help lay leaders to understand the nature of various types of conflict, to learn to deal with interpersonal conflict, and to learn the role of the referee in conflict situations.

The seminar takes place on Saturday and Sunday, March 6 and 7. On Saturday, instruction will take place from 9:30 a.m. to 5 p.m., and on Sunday instruction will take place from 2 p.m. until 8 p.m. The instructor/leader is Lothar Schwabe. The registration fee is \$15 per person.

GRADUATE SCHOLARSHIPS AND AWARDS

All inquiries regarding the following should be directed to L. Henderson, Administrator of Student Awards, 219 Central Academic Building, 432-3495. Please note: the number for the Student Awards Office is 432-3495.

Research on Drug Abuse Program Amendment to Deadline

The current "Grants and Awards Guide for the Research on Drug Abuse Program" of the Department of Health and Welfare should be amended: "The deadline date for receipt of applications for Evaluation Research has been advanced to March 15 from April 1."

The Royal Society Commonwealth Bursaries Scheme

Value: salaried posts, travel, and an allowance. *Where tenable:* Commonwealth country other than their own. *Level of study:* graduate. *Field of study:* unrestricted; to pursue research especially that related to agriculture, fisheries, forestry, and development of natural resources. *Number:* variable. *Duration:* six to twelve months. *Conditions:* no specific provisions are made for families. *Closing date:* March 15th for visits commencing in July of same year; September 15th for visits beginning in January. *Further information and application forms should be requested from:* Executive Secretary, The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG.

The Taylor Statten Memorial Fellowship

Value: \$1,000. *Where tenable:* open. *Level of study:* post-baccalaureate study. *Field of study:* professional field or career related to youth services. *Number:* variable. *Conditions:* application should be accompanied by a transcript; letters of recommendation must reach the Committee before March 1. Only candidates under the age of twenty-five will be considered. *Closing date:* March 1, 1976. *Further information and application forms should be requested from:* The Office of Student Awards, Room 107, Simcoe Hall, University of Toronto, Toronto, M5S 1A1.

The University of Alberta Dissertation Fellowships

Value: \$4,500 for twelve months. *Where tenable:* The University of Alberta. *Level of study:* final year of PhD program. *Field of study:* open. *Number:* about twenty-five. *Duration:* twelve months. *Conditions:* students must have firm expectations of completing Doctoral program within twelve months of start of tenure (i.e. if tenure begins May 1, 1976 program must be complete by May 1, 1977). Students must be nominated by their department. *Closing date:* March 1, 1976. *Further information and application*

forms should be requested from: your Department regarding your nomination.

**University of Glasgow
Study in Divinity Scholarship**

The University of Glasgow

Value: £1000 per annum with remission of fees, but additional married and children's allowances may be made. *Where tenable:* Glasgow. *Level of study:* graduate. *Field of study:* subject falling within the Faculty of Divinity. *Number:* variable. *Duration:* two years with a possible extension. *Conditions:* the scholar will be obliged to reside in Glasgow and to work under the supervision of a professor appointed by the faculty. *Closing date:* March 16, 1976. *Further information and application forms should be requested from:* The Clerk to the Faculty of Divinity, University of Glasgow.

POSITIONS VACANT

ACADEMIC POSITIONS

Research Associate

Division of Health Services Administration

Duties: to assist in developing an assessment instrument for patients in extended care and selected acute care settings. *Qualifications:* bachelor's degree in one of health or social disciplines; experience in working with a variety of professional/occupational groups. Preparation at the Master's level or research experience is desirable. *Applications:* a detailed résumé should be sent to P. Overton, Health Services Administration, 13-104D Clinical Science Building, University of Alberta, Edmonton. *Information:* can be obtained by phoning 432-6546.

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Clerk Typist I (\$505-\$576)—Office of the Comptroller
Clerk Typist I (\$3.33-\$3.80 per hour)—Office of the Comptroller (hourly, term)
Clerk Steno I (\$505-\$599)—Surgery
Clerk Typist II (\$505-\$627)—Bookstore; Printing; Parking Services; Political Science
Clerk Steno II (\$527-\$653)—Secondary Education; Business Administration and Commerce
Clerk Typist III (\$576-\$713)—Personnel Services and Staff Relations
Clerk Steno III (\$599-\$744)—Mineral Engineering; School of Household Economics; Extension; Agriculture and Forestry, Dean's Office; Physics; Educational Psychology; R.S. McLaughlin Examination and Research Centre (trust)
Data Entry Operator I (\$599-\$744)—Computing Services
Student Record Processing Clerk (\$627-\$779)—Faculty of Graduate Studies and Research
Secretary (\$683-\$853)—Computing Science; Botany; Chemistry; Theoretical Physics Institute
Administrative Clerk (\$713-\$891)—Chemistry
Typographical Trainee (\$505-\$627)—Duplicating
Laboratory Assistant II (\$551-\$683)—Provincial Laboratory
Typographical Tradesman I (\$653-\$814)—Duplicating
Biochemical Technician I (\$713-\$891)—Surgical-Medical Research Institute
Technician-Technologist I (\$713-\$1,020)—Pediatrics (trust)
Electron Microscope Technician I (\$713-\$891)—Botany
Biochemical Technologist I (\$814-\$1,020)—Cancer Research Unit (trust)

Technologist I (\$814-\$1,020)—Sociology
Biology Technologist I (\$814-\$1,020)—Genetics
Electronics Technician II (\$853-\$1,068)—Physical Education
Typographical Tradesman III (\$975-\$1,225)—Printing
Projects Estimator (\$1,118-\$1,406)—Physical Plant

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library should be consulted for further information as to position requirements and availability.

Library Clerk II (\$527-\$653)—Out-of-Print
Library Clerk III (\$576-\$713)—Cataloguing; Acquisitions

OFF-CAMPUS POSITIONS

Research Programmer/Analyst

**Manitoba Basic Annual Income Experiment
Winnipeg, Manitoba**

Duties: to organize, process, and maintain the project's research data base, to provide analytic programming and consulting services, and to design, produce, and maintain such data systems as are required. *Salary:* \$12,000 to \$18,000; commensurate with qualifications and experience. *Qualifications:* undergraduate and/or graduate degree in economics, political science, sociology or other social science; familiarity with quantitative research methods; knowledge of computer and data systems; experience in interdisciplinary quantitative research. *Starting date:* negotiable. *Closing date:* February 28. *Applications and résumé:* to Ira Boldhar, Data Processing, Mincome Manitoba, 238 Portage Avenue, Winnipeg, Manitoba R3C 0B3.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation available

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd., 436-1140, 426-5880, extension 990.
For sale—Garneau re-decorated two-bedroom bungalow; large living room, two bedrooms in basement. Garage. Asking \$62,500. Call Maxine Tipper, Weber Bros. Realty Ltd. 436-2310, 435-7103.
For rent—Mill Woods, three-bedroom condominium with carport, fridge, stove and dishwasher. Fully carpeted. Children welcome. Rent \$400. Phone days, 432-5766; evenings, 435-6361. Ask for Anne.
For sale—Riverbend, deluxe two-bedroom condominium. 1,000 square feet; 1½ baths; luxurious carpet throughout; French doors from large living room to balcony; five appliances; covered parking. Large mortgage. \$47,500. Principals only. 459-8763.
For rent—May to August 1976, furnished three-bedroom bungalow; finished basement, study. Lendrum. \$350/month. Phone John Eagle, 432-3535 or 435-8187 evenings.
For sale—twenty acres, lovely rolling treed south-east property. Commuting distance; gas, power, telephone available. On school bus route. Most desirable spot for quiet family living. Please phone G.L.W. Brown, 1-662-2755, evenings.

For rent—three-bedroom bungalow; study, playground, fireplace. Quiet crescent location. South-east, twelve minutes to University. Available July 1 for twelve months. \$350. Phone 432-4610, 465-2691.
For sale—Belgravia. Attractively remodelled semi-bungalow. 1316 sq. ft.; high quality carpet and flooring, new kitchen. Basement completely finished. Reasonably priced. This home will sell quickly. To view call Judy Anderson at 436-6780 or 426-5880, page 688. Realscope Realty, 11204 76 Ave.
For rent—Belgravia, fully furnished three-bedroom house. Single family, no pets. \$350/month. March 17-July 31, 1976. 436-0145.

Automobiles and accessories

For sale—1968 Chrysler Imperial, fully powered \$2,200. Phone Alex. 432-1257, or evenings, 474-5961.
For sale—1967 Dodge Polara 500 two-door hardtop. Excellent condition. \$800. 469-5463.

Goods and services

Low fare to the Orient; departing Vancouver daily. Contact Eric Choi, 425-0554.
Typing, fast, accurate service. Phone Georgina Campbell, 489-4810 evenings.
Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.
Will type theses, manuscripts, etc. Experienced typist. Phone 459-5276.
Peking, Shanghai food. Delicious, inexpensive. Simple surroundings. Shanghai House, 6525 111 Street. 435-7622.
Hawaii—luxury vacation condominiums for those who have made sensible investments in the past, for those who want to make a wise investment in the future, for those who enjoy, want, and can afford the best things in life and leisure activity. Charles Sauer, Carman Realty, 433-6665, 429-1781.
Manuscripts, theses neatly typed. Faculty references. Dorothy Woslyng, 434-0675.
Stereo consultants specializing in speaker design and construction. We can save you money. Phone 432-0572.
For sale—1936 MG sports car, at present in Britain, but willing to export to Canada. 435-6654.
Typing Associates—a quality typing service for theses, manuscripts, reports. Carbon ribbon; no erasures. Shannon, 462-3825 or Pat, 482-6611 after 5 p.m.
Fast reliable income tax preparation. Phone 429-1304.
For sale—quality enlarger lens, new 50mm Schneider Componon. \$100. Phone Richard 432-4991, days, 426-3241 evenings.
Samoyed puppies, registered; dam and sire certified no hip dysplasia. Reasonably priced. Phone 452-9802.
Fireplaces built to your design or mine. Phone 475-9847 weekdays after 6.
Two little cats—playful, gentle with children, non-destructive, healthy spayed females—need a home. Phone 434-1542.
Electronic Experimenters—Transformers, chassis, guitar amplifier components, unfinished speaker boxes, keyboards for sale. 436-1879, 7 to 9 p.m.
Force Ten (Vango) three-man expedition tent, ideal for canoe camping. \$125. Warmite two-man ultralight backpacking tent, 3½ lbs., including fly, \$150. Sportspal 14' aluminium fishing canoe, 42" beam, only forty-five lbs., \$250. Trapper Nelson packsack with padded shoulder straps. \$20. All like new. 432-4546; residence 435-3336.
Mature responsible person is looking for an interesting job. B.A. Agriculture (Cantab.), experience in data processing. 452-6995.
Summer family music camp in Naramata, B.C. has a few vacancies for July 31-August 7. An informal camp for family members of all performance levels to enjoy music-making together. Other activities available for non-musical members. Anyone interested phone Dr. E. Boberg, 439-2980.